## line 19, change "as claimed in Claim 1." to - for noise

'filtering an image sequence representing a threadlike structure on a background, including an acquisition of point data in first and second sequence images and an estimation of the corresponding filtered point data for constructing a filtered second image, the point data being the intensities associated to coordinates of image points, said method comprising, performed in each sequence image, steps of: extracting the threadlike structure points, forming strings from said extracted points, temporally filtering the data of the points located outside the strings denoted background points, spatially filtering the data of the string points, and constructing the filtered second image data by performing an insertion of the spatially filtered data of the string points into the temporally filtered data of the background points. --;

## line 22, change "is further claims in claim 11" to

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--includes a computer program product comprising a set of instruction for carrying

line 23, 'change "is " to -- as claimed in claim 6,

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including an enhancement operation performed on spatially filtered string point data, comprising steps of: selecting string points [A(i,j)] using the list of the control signal [St(i,j)], enhancing the string point data with respect to their local environment, and constructing a filtered second image data by performing an insertion of the enhanced spatially filtered data of the string points into the temporally filtered data of the background points, controlled by the binary

line 24, delete "claimed in claim 12;

control signal --;

before line 27, insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--;

line 30, after "background;" begin a new paragraph;

line 31, after "operation;" begin a new paragraph;

line 32, after "branches;" begin a new paragraph;

Page 3, line 2, after "1" insert --; -- (semicolon); and after "and" (2nd occurrence) begin a new paragraph;

line 22, change "denoted" to --denoting--;